

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

DATE RECEIVED
SEP 13 1996

ASSESSMENT REPORT

GEOLOGY AND GEOCHEMICAL REPORT

on the
PM CLAIM

OMINECA MINING DIVISION

Latitude $54^{\circ} 59' N$
Longitude $123^{\circ} 44' W$
NTS 93J13

by

GUINET MANAGEMENT
Vancouver, B.C.

Prepared by
R. Yorston, Geologist

July 1996

FILMED

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,542

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SUMMARY

Previous work on the PM claim, dating back to 1991, was carried out by Noranda Exploration. Their work was initiated by the discovery of an extensive boulder train containing significant molybdenum and copper mineralization (up to 2.4% Cu and 1% Mo). The mineralized float boulders were discovered by Gerry Klein of Prince George.

Personnel of Guinet Management carried out current exploration in an attempt to add to the Noranda data and to prioritize drill hole locations.

Prospecting led to the discovery of some additional mineralized float boulders and soil sampling further delineated the Noranda geochemical anomalies.

Recent clear cut logging on the PM claim improves accessibility and it is recommended that a truck mounted drill be used to search for the source of the mineralized float boulders and to test the Noranda Exploration IP anomaly.

INTRODUCTION

During the period of June 19 to June 24, 1996, work on the PM claim included re-establishing some of the 1989/90 grid lines of the Noranda work, filling in and soil sampling new grid lines, prospecting and expanding the local geology.

Since the time of the Noranda work the PM claim was subjected to clear cut logging and slash burning and much of the Noranda grid was destroyed. However, the network of old and new logging roads and some unburned areas containing grid stations allowed the re-establishment of the significant areas of the grid. The new logging roads were transferred from recent air photos onto the geology map.

LOCATION AND ACCESS

The PM claim is located near the headwaters of Philip creek approximately 56 km southwest of Mackenzie and 135 km northwest of Prince George, B.C.

Access is gained by logging roads from Windy Point on Highway #97, 20 km south of Mackenzie.

CLAIM & OWNERSHIP

The property consists of one 20 unit claim staked by Gerry Klein in 1987. Record #239521

The property is being explored by Guinet Management under an agreement with Mr. Klein.

TOPOGRAPHY & VEGETATION

The area is one of moderate relief with elevations ranging from 975 metres to 1125 metres. Hills are rounded and largely drift covered.

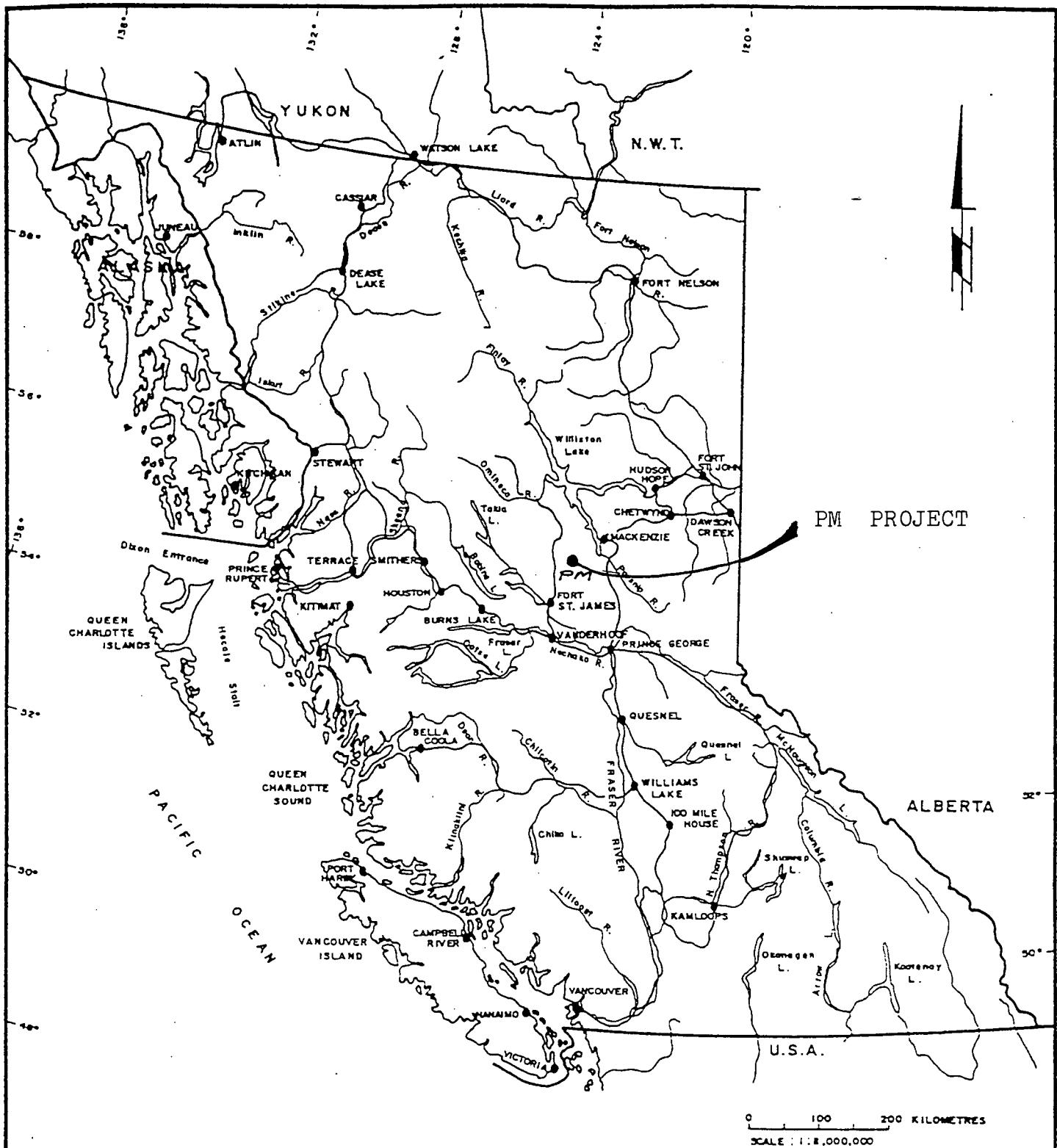
Until recently, the area was heavily forested with mature stands of spruce and balsam. Recent clear cutting has left the claim with no timber cover.

In most of the area, soil has developed from glacial drift which varies greatly in depth from less than one metre to in excess of 25 metres.

Glacial stria indicate a northeasterly movement for ice in the area.

PREVIOUS WORK

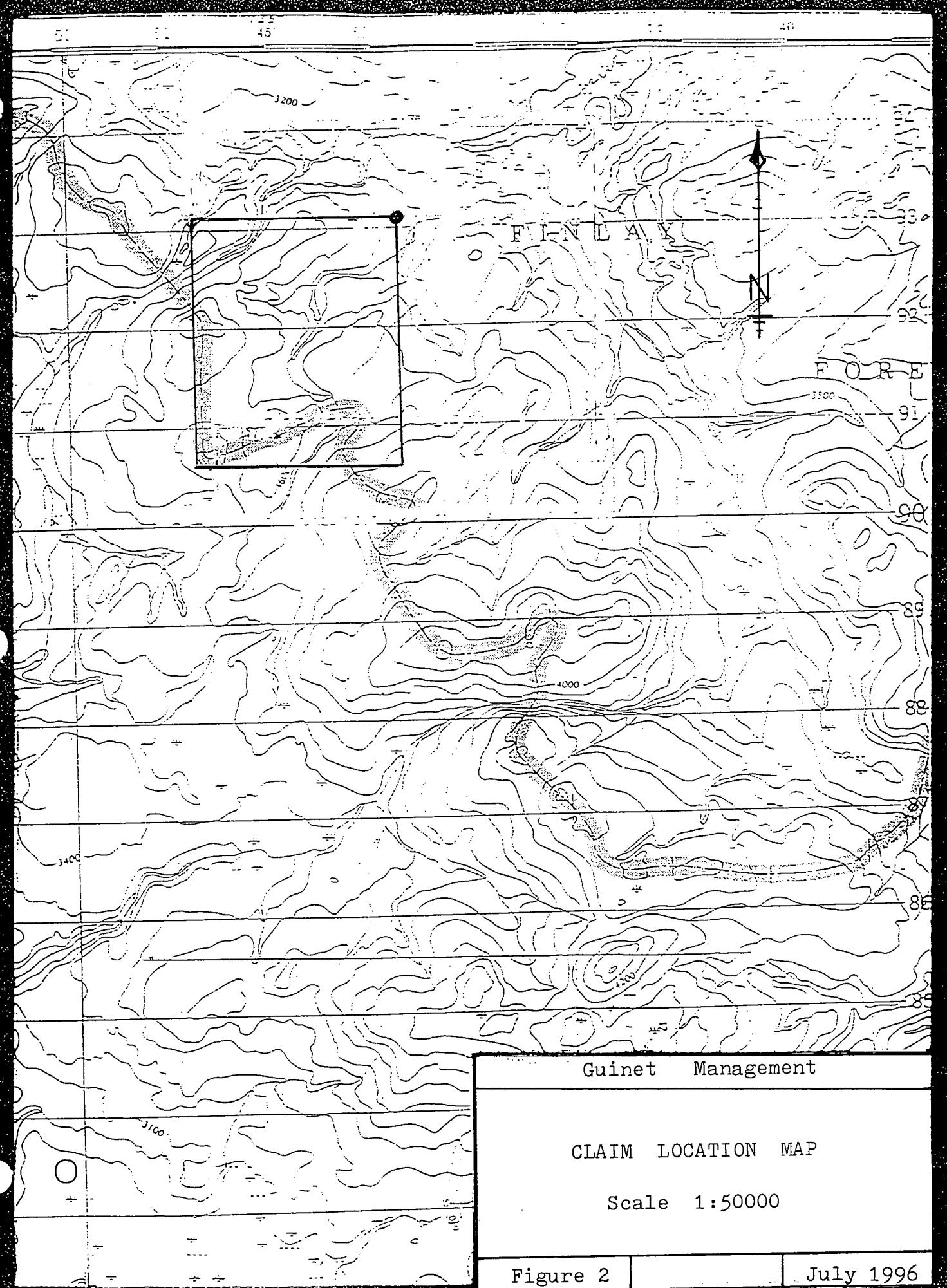
From 1988 to 1991 Noranda Exploration has completed various geological, geochemical, airborne Mag-Em and IP-Resistivity surveys.



Guinet Management

PM PROJECT

LOCATION MAP



REGIONAL GEOLOGY

Most of the area is extensively drift covered and little is known about the geology. The most detailed published map of the area is G.S.C. Map #1204A, at a scale of 1:253,440. This mapping indicated the area of the PM claim to be mainly underlain by rocks of the Wolverine Complex (granitoid gneiss, micaceous, garnetiferous chloritic schists, pegmatite, feldsparthized quartzite etc.). This mapping also indicates a series of northwest and northeast trending fault structures that form fault bounded rhombohedral shaped blocks. Several of those are also indicated to contain volcanics or intrusives of the Takla Group.

LOCAL GEOLOGY AND MINERALIZATION

The reader is referred to the December 1991 report by T. Walker of Noranda Exploration for the most complete grid geologic map. The map included in this report shows some additional outcrops found and some geologic information considered relevant to the mineralization. The additional logging roads are plotted from recent air photos and the map also shows rock sample locations and a table of copper, molybdenum and gold values.

There were 21 rock samples taken, mainly from float material, and the samples were analysed by Acme Labs using the ICP 30 element plus gold geochem analysis.

A well mineralized float boulder discovered during the current work program is located in a drainage near the Noranda grid baseline and it is in the vicinity of several other mineralized boulders previously found on the PM claim.

Mineralization is in chloritized and foliated or schistose float boulders assumed to be derived from the Takla volcanic rocks. Some mineralization appears to be related to fractures and quartz stringers while other boulders display disseminated and siliceous replacement textures.

The important mineral assemblage is pyrite, chalcopyrite and molybdenite and it is assumed to be related to contact and/or fault zones.

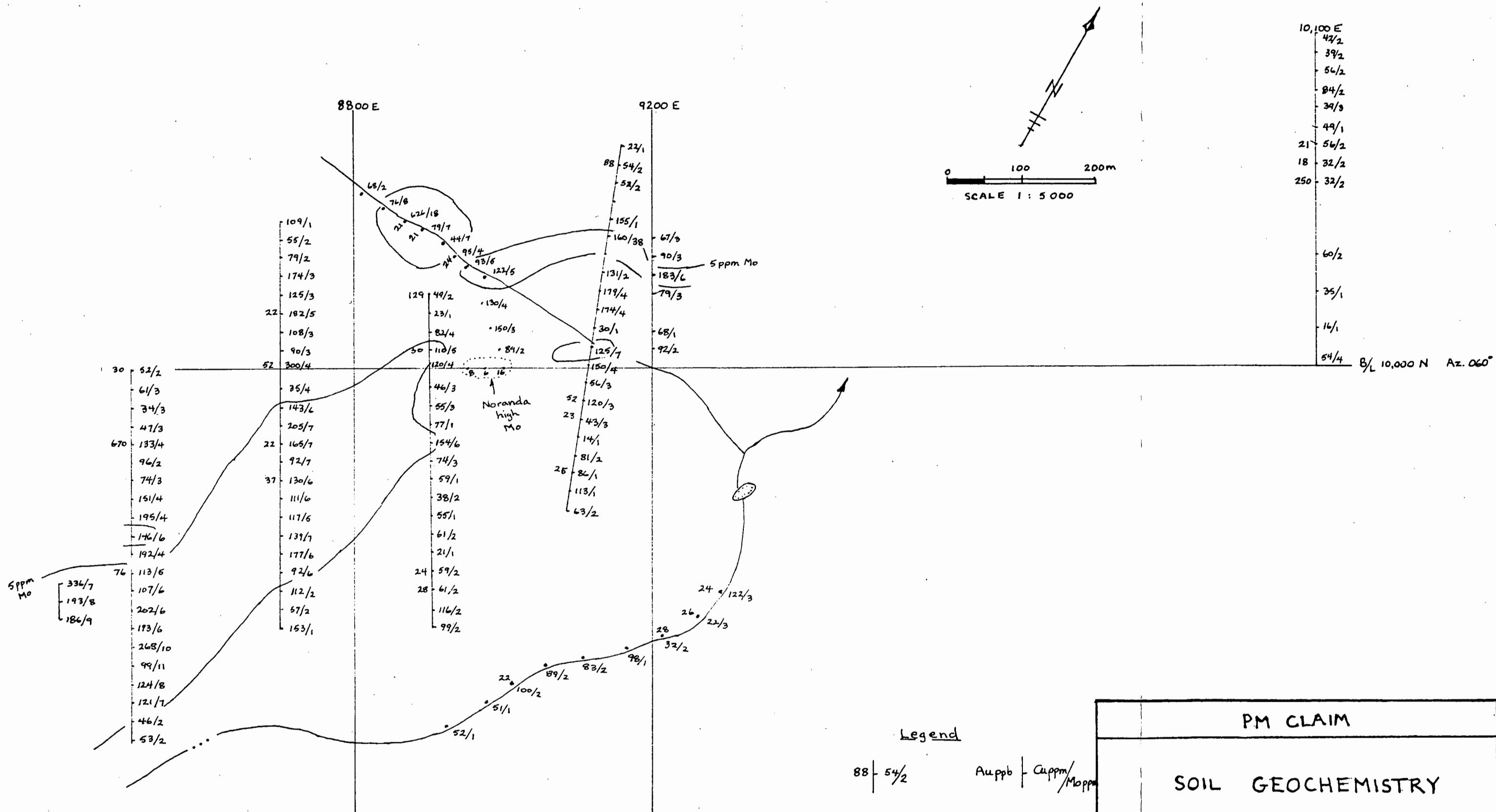
The porphyritic monzonite is the largest intrusive on the property and though it shows only trace graphitic mineralization it should be considered relevant to the Cu-Mo mineralization. Part of the presumed contact and some inferred fault structures are near an accumulation of float mineralization and elsewhere dykes were seen to intrude the monzonite.

The significant faults or shears, mostly inferred from topographic features, are shown on the geology map and the dominant orientations are 090° - 110° and 030° - 050° . Although dips are uncertain several minor structures and one dyke are seen to dip steeply southward.

Disseminated and shear related pyrite is not uncommon in the intermediate to mafic Takla volcanic rocks and some of the dykes. A chalcopyrite-pyrrhotite association was seen in some float material at the southwest part of the claim and some of this mineralization may be related to the copper anomaly of the Noranda grid.

GEOCHEMICAL SURVEY

During the current work program Guinet Management personnel collected 148 soil samples, mainly from infill grid lines, which were intended to expand the geochemical information reported from the Noranda work.



Legend

88 | 54

Au^{ppb} | Cu^{ppm} / Mo^{pp}

- a) Au greater than 20 ppb plotted.
 - b) contour line at 5 ppm Mo.
 - c) Dots along creeks are soil samples

PM CLAIM

SOIL GEOCHEMISTRY

Guinet Management

Figure : 4

July 1996

The samples were taken from the B soil horizon using a maddock or an auger. The samples were treated at Acme Labs of Vancouver using the 30 element ICP plus geochem Au analysis. Analytical procedures are described on the results of analysis sheets listed in the appendix.

The Cu soil values outline a pattern that is generally consistent with part of the Noranda copper geochemical anomaly.

The Mo soil values usually correlate with the copper values but they appear to more specifically define the anomaly. Molybdenum mobility may be reduced in the high iron environment or values may simply reflect overburden conditions.

The Mo anomaly is shown by one contour line at 5ppm Mo. Of particular interest are the soil samples taken from the drainage and inferred fault structure that cuts the anomaly at a right angle. This area and the ridge to the south should be considered as having good potential for buried mineralization.

CONCLUSIONS AND RECOMMENDATIONS

Copper-Molybdenum float boulder mineralization has been traced to the central part of the PM claim and the combination of a proximal contact zone with inferred fault structures and a geochemical anomaly provides sufficient encouragement to warrant continued searching for the source of the mineralization.

The excessive overburden conditions preclude an excavator trenching program and therefore it is recommended that a truck mounted drill rig be used to test the areas described above and also the Noranda IP anomaly over the intrusive.

REFERENCES

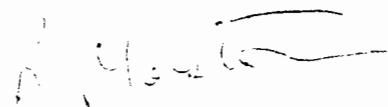
- MacArthur, R. 1988: Geochemical Report on the PM Claims.
- MacArthur, R. 1989: Follow-up Geochemical Report on the PM Claims.
- Walker, T. 1990: Airborne Geophysical Report on the PM Group of Claims.
- Walker, T. 1991: Geological, Geochemical and Geophysical Report on the PM Group of Claims.

APPENDIX I

CERTIFICATE

R. YORSTON OF DUNCAN, B.C. CERTIFIES THAT:

- 1) I am a graduate of the University of British Columbia; BSc in 1972.
- 2) I have practiced my profession since 1972.
- 3) I have no interest, direct or indirect in the PM Claim.
- 4) I have personally conducted the work program discussed in this report in association with personnel of Guinet Management.



R. Yorston
Stoltz Road RR2
Duncan, B.C.
V9L 1N9

July 1996

APPENDIX II
STATEMENT OF EXPENDITURES

Personnel:

| | | |
|---------------------------------|-----------|------------------|
| V. Guinet - Prospector, sampler | 6md @ 150 | \$ 900.00 |
| P. Newman - Prospector, sampler | 6md @ 150 | 900.00 |
| R. Yorston - Geologist | 6md @ 235 | <u>1410.00</u> |
| | | <u>\$3210.00</u> |

Expenses:

| | |
|----------------------------|------------------|
| Assays and Freight | \$2214.04 |
| Fuel | 302.42 |
| Materials and Supplies | 223.52 |
| Accomodation and Meals | 483.23 |
| Report Preparation | <u>500.00</u> |
| | \$3723.21 |
| Total Program Expenditures | <u>\$6933.21</u> |

APPENDIX III

ANALYTICAL DATA

AA**AA**

GEOCHEMICAL ANALYSIS CERTIFICATE

Guinet Management PROJECT PM File # 96-2493
310 Nigel Ave, Vancouver BC V5Y 2L9

Page 1

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au* |
|------------------|------|------|-----|------|------|-----|-----|------|-------|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------|-----|------|------|-----|------|------|------|------|------|-----|-----|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| PMYR-1 | 4 | 146 | 10 | 202 | .3 | 21 | 16 | 845 | 7.06 | 13 | <5 | <2 | <2 | 95 | .5 | 4 | <2 | 202 | .50 | .101 | 5 | 53 | 3.49 | 226 | .14 | <3 | 3.72 | .03 | .61 | <2 | 5 |
| PMYR-2 | 5 | 36 | 4 | 17 | .3 | 10 | 10 | 113 | 7.04 | 29 | <5 | <2 | 2 | 148 | <.2 | <2 | <2 | 132 | .03 | .106 | 5 | 33 | 1.55 | 122 | .02 | <3 | 1.34 | .09 | .42 | <2 | 4 |
| PMYR-3 | 1 | 97 | 62 | 376 | 1.8 | 34 | 14 | 1172 | 4.75 | 4 | 8 | <2 | 12 | 39 | 1.3 | 4 | <2 | 56 | .21 | .080 | 40 | 66 | 1.48 | 107 | .02 | <3 | 2.61 | .04 | .29 | <2 | 1 |
| PMYR-4 | <1 | 18 | 122 | 235 | 1.0 | 26 | 36 | 2315 | 8.33 | 2 | <5 | <2 | 11 | 114 | .3 | <2 | <2 | 53 | 1.06 | .168 | 18 | 46 | 1.67 | 58 | .21 | <3 | 2.05 | .04 | .43 | <2 | 1 |
| PMYR-5 | 34 | 20 | 28 | 18 | <.3 | 5 | 2 | 170 | 7.15 | 16 | <5 | <2 | 2 | 55 | <.2 | <2 | 3 | 100 | .13 | .104 | <1 | 58 | 1.04 | 195 | .40 | <3 | .94 | .08 | .48 | 2 | 8 |
| PMYR-6 | <1 | 1223 | <3 | 317 | 1.8 | 225 | 69 | 2443 | 12.35 | 2 | <5 | <2 | <2 | 40 | <.2 | <2 | 9 | 415 | .92 | .219 | 2 | 647 | 9.93 | 47 | .09 | <3 | 7.67 | <.01 | .02 | <2 | 65 |
| PMYR-7 | 1 | 13 | 45 | 205 | .8 | 65 | 19 | 1947 | 5.10 | 20 | 10 | <2 | 13 | 11 | <.2 | <2 | 47 | .10 | .032 | 25 | 102 | 1.53 | 48 | .01 | <3 | 2.19 | .05 | .28 | 2 | 16 | |
| PM-N-1 | 2 | 93 | <3 | 78 | <.3 | 41 | 39 | 1453 | 7.44 | 10 | 5 | <2 | <2 | 186 | .2 | <2 | <2 | 210 | 2.16 | .119 | <1 | 72 | 4.36 | 80 | .29 | <3 | 3.47 | .06 | 1.13 | <2 | 7 |
| PM-N-2 | 2 | 102 | <3 | 70 | <.3 | 21 | 31 | 773 | 7.05 | 19 | 7 | <2 | <2 | 68 | .3 | 2 | <2 | 122 | 1.90 | .113 | <1 | 29 | 2.39 | 74 | .30 | <3 | 2.33 | .05 | 1.37 | 2 | 7 |
| PM-N-3 | 3 | 311 | <3 | 92 | .5 | 172 | 45 | 636 | 4.29 | 25 | 7 | <2 | <2 | 44 | <.2 | <2 | <2 | 89 | .83 | .102 | <1 | 365 | 3.24 | 208 | .23 | <3 | 2.47 | .04 | 1.62 | <2 | 5 |
| PM-N-4 | <1 | 1281 | 833 | 195 | 29.8 | 42 | 78 | 1094 | 21.04 | 318 | 5 | <2 | 3 | 9 | <.2 | <2 | 61 | 58 | .04 | .024 | 2 | 26 | .76 | 8 | .01 | <3 | 1.49 | <.01 | .07 | 16 | 39 |
| PM-N-5 | <1 | 1078 | 8 | 61 | 1.4 | 81 | 64 | 598 | 5.46 | 8 | 6 | <2 | <2 | 54 | .4 | <2 | <2 | 139 | 1.59 | .106 | <1 | 173 | 2.85 | 76 | .15 | <3 | 1.96 | .08 | .15 | <2 | 26 |
| PM-N-6 | 5 | 60 | 26 | 61 | .8 | 69 | 46 | 413 | 9.22 | 13 | 9 | <2 | <2 | 65 | .2 | <2 | 4 | 52 | 2.28 | .101 | <1 | 112 | .87 | 36 | .16 | <3 | .67 | .04 | .07 | 2 | 13 |
| PM-N-7 | 477 | 1519 | <3 | 124 | 2.0 | 224 | 33 | 1749 | 5.78 | 5 | <5 | <2 | <2 | 137 | .5 | <2 | 11 | 139 | 2.39 | .089 | <1 | 403 | 5.73 | 242 | .05 | <3 | 3.87 | .01 | .15 | <2 | 25 |
| PM-N-8 | 25 | 21 | 101 | 14 | .9 | 6 | 1 | 158 | 1.56 | 7 | <5 | <2 | 3 | 44 | <.2 | <2 | 5 | 11 | .05 | .009 | 6 | 33 | .16 | 52 | <.01 | 3 | .41 | <.01 | .22 | 3 | 4 |
| PM-N-9 | 7 | 14 | 29 | 16 | .4 | 8 | 1 | 131 | 1.27 | 3 | 7 | <2 | 9 | 20 | <.2 | 2 | <2 | 9 | .08 | .039 | 9 | 10 | .10 | 69 | <.01 | <3 | .33 | .04 | .15 | <2 | 1 |
| PM-N-12 | 18 | 319 | 19 | 175 | 1.4 | 20 | 26 | 889 | 11.83 | 32 | <5 | <2 | 2 | 12 | <.2 | <2 | 2 | 190 | .10 | .097 | 1 | 59 | 2.22 | 59 | .02 | <3 | 1.92 | .01 | .16 | <2 | 17 |
| RE PM-N-12 | 14 | 330 | 27 | 182 | 1.4 | 23 | 27 | 928 | 12.18 | 32 | 6 | <2 | <2 | 12 | .2 | 3 | <2 | 199 | .10 | .100 | 1 | 59 | 2.31 | 70 | .02 | <3 | 1.99 | .01 | .16 | <2 | 14 |
| PM-V-1 | 43 | 29 | 15 | 25 | .6 | 7 | 1 | 64 | 1.83 | 11 | 10 | <2 | 16 | 27 | <.2 | <2 | <2 | 10 | .11 | .064 | 38 | 9 | .13 | 199 | <.01 | <3 | .41 | .05 | .24 | <2 | 2 |
| PM-V-2 | 12 | 505 | 96 | 8426 | 6.7 | 9 | 22 | 529 | 13.80 | 91 | <5 | <2 | <2 | 8 | 52.6 | 3 | 5 | 11 | .08 | .019 | 2 | 22 | .25 | 9 | <.01 | <3 | .39 | <.01 | .05 | 5 | 83 |
| PM-V-3 | 9 | 141 | 13 | 122 | 2.6 | 60 | 26 | 722 | 7.16 | 18 | 7 | <2 | 2 | 13 | <.2 | 2 | <2 | 203 | .23 | .095 | <1 | 342 | 5.13 | 43 | .03 | <3 | 3.32 | .04 | .30 | <2 | 9 |
| K96-PM-1 | 1772 | 5143 | <3 | 208 | 5.6 | 160 | 61 | 1068 | 17.24 | 34 | 8 | <2 | <2 | 37 | .2 | <2 | 4 | 236 | .36 | .092 | <1 | 338 | 4.10 | 145 | .24 | 3 | 4.09 | .01 | .61 | <2 | 126 |
| K96-PM-2 | 4 | 20 | 6 | 25 | <.3 | 48 | 25 | 337 | 4.71 | 5 | <5 | <2 | <2 | 64 | <.2 | <2 | <2 | 37 | .58 | .104 | <1 | 65 | 1.54 | 78 | .13 | 5 | 1.58 | .04 | .38 | <2 | 4 |
| STANDARD C2/AU-R | 22 | 62 | 41 | 136 | 7.0 | 79 | 38 | 1250 | 4.19 | 44 | 17 | 8 | 40 | 56 | 20.5 | 19 | 16 | 77 | .54 | .096 | 41 | 68 | 1.08 | 218 | .09 | 32 | 2.06 | .07 | .15 | 15 | 500 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR Mn Fe Sr Ca P La Cr Mg Ba Ti B W AND LIMITED FOR Na K AND Al.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 P.P.M.

- SAMPLE TYPE: P1 ROCK P2 TO P5 SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 27 1996 DATE REPORT MAILED:

July 8/96

SIGNED BY: C.H. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICALS

Guinet Management PROJECT PM FILE # 96-2493

Page 2



ACME ANALYTICALS

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe ppm | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P ppm | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au# ppb |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|----------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| S1 | 5 | 122 | 4 | 95 | 1.4 | 45 | 25 | 838 | 5.35 | 8 | <5 | <2 | <2 | 47 | .2 | <2 | <2 | 167 | .45 | .096 | 5 | 129 | 1.94 | 88 | .06 | <3 | 2.52 | .01 | .13 | <2 | 8 |
| S2 | 5 | 93 | 5 | 80 | 2.5 | 44 | 21 | 473 | 5.19 | 12 | <5 | <2 | <2 | 38 | <.2 | <2 | <2 | 168 | .34 | .087 | 5 | 125 | 1.39 | 64 | .05 | <3 | 1.86 | .01 | .06 | <2 | 8 |
| S3 | 4 | 95 | 11 | 86 | 1.5 | 34 | 17 | 811 | 4.06 | 10 | <5 | <2 | <2 | 43 | <.2 | 3 | <2 | 117 | .51 | .129 | 7 | 91 | 1.35 | 131 | .07 | <3 | 1.90 | .01 | .09 | <2 | 24 |
| S4 | 7 | 44 | <3 | 109 | 1.0 | 58 | 20 | 518 | 6.05 | <2 | <5 | <2 | <2 | 40 | .2 | <2 | 2 | 187 | .44 | .111 | 5 | 204 | 1.65 | 93 | .16 | <3 | 1.96 | .01 | .08 | <2 | 20 |
| S5 | 7 | 79 | <3 | 88 | .8 | 52 | 28 | 712 | 6.45 | 9 | <5 | <2 | <2 | 40 | <.2 | <2 | 3 | 175 | .49 | .135 | 5 | 151 | 1.99 | 98 | .12 | <3 | 2.46 | .01 | .13 | <2 | 21 |
| S6 | 18 | 626 | 4 | 124 | 1.6 | 79 | 30 | 1153 | 5.83 | 16 | <5 | <2 | <2 | 48 | .4 | <2 | <2 | 144 | .70 | .137 | 10 | 199 | 2.64 | 90 | .08 | <3 | 3.27 | .01 | .13 | <2 | 21 |
| S7 | 8 | 76 | 22 | 96 | .9 | 30 | 19 | 1225 | 5.73 | 23 | <5 | <2 | <2 | 37 | .2 | 2 | <2 | 178 | .36 | .057 | 6 | 100 | 1.56 | 177 | .07 | <3 | 2.36 | .01 | .09 | <2 | 3 |
| S8 | 2 | 68 | 9 | 127 | 1.0 | 32 | 19 | 674 | 6.04 | 18 | 5 | <2 | <2 | 75 | <.2 | <2 | <2 | 150 | 1.06 | .072 | 5 | 100 | 1.67 | 138 | .08 | <3 | 2.52 | .01 | .14 | <2 | 7 |
| S9 | 4 | 130 | 5 | 66 | 1.2 | 39 | 16 | 618 | 4.42 | 15 | <5 | <2 | <2 | 56 | .2 | <2 | <2 | 143 | .63 | .058 | 7 | 97 | 1.31 | 108 | .08 | <3 | 2.17 | .01 | .10 | <2 | 4 |
| S10 | 3 | 150 | <3 | 120 | .5 | 56 | 33 | 1046 | 7.29 | <2 | <5 | <2 | <2 | 42 | <.2 | <2 | 5 | 220 | .38 | .080 | 5 | 152 | 3.00 | 75 | .12 | <3 | 3.56 | .01 | .17 | <2 | 7 |
| S11 | 2 | 89 | <3 | 109 | .9 | 50 | 29 | 784 | 6.07 | 12 | <5 | <2 | 2 | 41 | <.2 | <2 | 3 | 177 | .42 | .107 | 8 | 128 | 2.44 | 55 | .10 | <3 | 2.84 | .01 | .13 | <2 | 6 |
| S12 | 3 | 122 | <3 | 115 | .8 | 55 | 28 | 980 | 5.82 | 6 | <5 | <2 | <2 | 58 | <.2 | <2 | 10 | 180 | .64 | .070 | 9 | 151 | 2.45 | 93 | .09 | <3 | 3.07 | .01 | .10 | <2 | 24 |
| S13 | 3 | 22 | 4 | 56 | 1.2 | 31 | 10 | 308 | 2.85 | 3 | <5 | <2 | 2 | 42 | <.2 | <2 | 107 | .42 | .083 | 5 | 98 | 1.60 | 48 | .13 | <3 | 1.85 | .01 | .07 | <2 | 26 | |
| S14 | 2 | 32 | 3 | 92 | .5 | 26 | 13 | 419 | 4.48 | 5 | <5 | <2 | <2 | 31 | <.2 | <2 | 125 | .32 | .233 | 6 | 70 | .96 | 68 | .07 | <3 | 1.73 | .01 | .06 | <2 | 28 | |
| S15 | 1 | 98 | <3 | 115 | 1.4 | 49 | 32 | 796 | 6.23 | 14 | <5 | <2 | 3 | 46 | <.2 | <2 | 6 | 186 | .63 | .220 | 10 | 121 | 2.69 | 70 | .10 | <3 | 3.11 | .01 | .17 | <2 | 9 |
| S16 | 2 | 83 | 4 | 105 | .9 | 42 | 21 | 553 | 5.02 | 3 | <5 | <2 | <2 | 52 | <.2 | <2 | 4 | 146 | .68 | .150 | 9 | 101 | 1.89 | 131 | .09 | <3 | 2.71 | .01 | .10 | <2 | 10 |
| S17 | 2 | 89 | <3 | 82 | <.3 | 38 | 18 | 702 | 4.01 | 7 | <5 | <2 | <2 | 64 | <.2 | <2 | 2 | 113 | .94 | .106 | 10 | 84 | 1.61 | 120 | .09 | <3 | 2.22 | .01 | .09 | <2 | 7 |
| S18 | 2 | 100 | <3 | 99 | 1.2 | 47 | 20 | 730 | 4.40 | 4 | <5 | <2 | <2 | 69 | .4 | 2 | 5 | 121 | 1.08 | .123 | 11 | 94 | 1.88 | 132 | .11 | <3 | 2.55 | .01 | .18 | <2 | 22 |
| RE S19 | 1 | 51 | 4 | 85 | .4 | 27 | 14 | 545 | 3.48 | 6 | <5 | <2 | <2 | 46 | <.2 | <2 | 3 | 97 | .54 | .087 | 8 | 69 | 1.19 | 91 | .09 | <3 | 1.89 | .01 | .11 | <2 | 12 |
| S19 | 1 | 52 | 7 | 87 | .5 | 29 | 15 | 549 | 3.54 | 4 | <5 | <2 | <2 | 46 | .3 | <2 | <2 | 103 | .54 | .090 | 8 | 67 | 1.20 | 93 | .10 | <3 | 1.92 | .01 | .11 | <2 | 4 |
| S20 | 1 | 52 | <3 | 97 | .4 | 36 | 14 | 429 | 3.55 | 8 | <5 | <2 | <2 | 39 | <.2 | <2 | <2 | 101 | .46 | .089 | 9 | 79 | 1.19 | 77 | .09 | <3 | 1.93 | .01 | .07 | <2 | 6 |
| 9+100E 10+300N | 1 | 22 | 5 | 53 | .4 | 20 | 9 | 282 | 4.46 | <2 | <5 | <2 | 2 | 27 | <.2 | <2 | 3 | 128 | .29 | .072 | 8 | 51 | .67 | 77 | .11 | <3 | 1.73 | .01 | .06 | <2 | 3 |
| 9+100E 10+275N | 2 | 54 | 4 | 74 | .7 | 19 | 14 | 872 | 4.43 | 8 | <5 | <2 | 2 | 60 | <.2 | <2 | 111 | .43 | .060 | 9 | 49 | 1.01 | 224 | .07 | <3 | 2.03 | .01 | .08 | <2 | 88 | |
| 9+100E 10+250N | 2 | 52 | <3 | 64 | .6 | 20 | 14 | 431 | 4.48 | 5 | <5 | <2 | <2 | 35 | <.2 | <2 | 3 | 123 | .37 | .049 | 9 | 56 | 1.03 | 130 | .07 | <3 | 1.95 | .01 | .07 | <2 | 13 |
| 9+100E 10+200N | 1 | 155 | 8 | 72 | .5 | 33 | 18 | 1342 | 4.32 | 2 | <5 | <2 | <2 | 43 | <.2 | <2 | 107 | .62 | .136 | 12 | 65 | 1.51 | 136 | .11 | <3 | 2.22 | .01 | .09 | <2 | 14 | |
| 9+100E 10+175N | 38 | 160 | 11 | 93 | .7 | 43 | 26 | 1130 | 4.87 | 7 | <5 | <2 | <2 | 58 | <.2 | <2 | <2 | 116 | .84 | .121 | 13 | 77 | 1.72 | 155 | .13 | <3 | 2.12 | .02 | .19 | <2 | 12 |
| 9+100E 10+125N | .3 | 131 | 9 | 93 | .6 | 66 | 25 | 1187 | 4.62 | 6 | <5 | <2 | 2 | 59 | <.2 | <2 | <2 | 121 | .89 | .121 | 12 | 88 | 1.89 | 147 | .12 | <3 | 2.29 | .02 | .20 | <2 | 9 |
| 9+100E 10+100N | 4 | 179 | 7 | 101 | .9 | 59 | 38 | 1369 | 6.04 | 16 | <5 | <2 | 3 | 54 | .2 | <2 | 2 | 159 | .80 | .150 | 14 | 131 | 2.37 | 106 | .12 | <3 | 2.66 | .01 | .21 | <2 | 21 |
| 9+100E 10+75N | .4 | 174 | 11 | 120 | 1.0 | 58 | 34 | 1401 | 5.76 | 12 | <5 | <2 | 6 | 71 | <.2 | 2 | 7 | 158 | 1.13 | .133 | 18 | 134 | 2.64 | 132 | .11 | <3 | 2.99 | .01 | .27 | <2 | 9 |
| 9+100E 10+50N | 1 | 30 | <3 | 81 | .4 | 19 | 10 | 487 | 3.48 | <2 | <5 | <2 | 2 | 33 | <.2 | 2 | <2 | 94 | .34 | .133 | 10 | 56 | 1.03 | 99 | .08 | <3 | 1.86 | .01 | .07 | <2 | 13 |
| 9+100E 10+25N | 7 | 125 | 8 | 88 | 1.2 | 46 | 46 | 6450 | 5.83 | 4 | 5 | <2 | 6 | 102 | <.2 | <2 | 2 | 129 | 1.33 | .127 | 10 | 105 | 1.95 | 307 | .04 | <3 | 2.71 | .01 | .06 | <2 | 11 |
| 9+100E 10+00N | 4 | 150 | 6 | 118 | 1.6 | 54 | 29 | 1210 | 5.62 | 6 | <5 | <2 | <2 | 88 | .4 | <2 | 5 | 157 | 1.30 | .167 | 10 | 132 | 2.11 | 145 | .06 | <3 | 2.91 | .01 | .10 | <2 | 6 |
| 9+100E 9+975N | 3 | 56 | 5 | 121 | .6 | 38 | 24 | 706 | 6.07 | 11 | <5 | <2 | <2 | 40 | <.2 | <2 | 178 | .37 | .070 | 7 | 107 | 1.29 | 128 | .12 | <3 | 2.06 | .01 | .06 | <2 | 16 | |
| 9+100E 10+75N | 3 | 120 | <3 | 101 | .7 | 49 | 35 | 1173 | 5.54 | 14 | <5 | <2 | <2 | 72 | .2 | <2 | 2 | 154 | 1.10 | .163 | 9 | 126 | 2.03 | 115 | .08 | <3 | 2.31 | .01 | .14 | <2 | 52 |
| 9+100E 10+50N | 3 | 43 | 7 | 56 | 1.6 | 24 | 14 | 309 | 4.18 | 9 | <5 | <2 | <2 | 34 | .3 | <2 | <2 | 157 | .26 | .081 | 7 | 80 | .82 | 87 | .08 | <3 | 1.35 | .01 | .05 | <2 | 23 |
| STANDARD C2/AU-S | 21 | 61 | 40 | 148 | 7.2 | 77 | 38 | 1216 | 4.09 | 44 | 20 | 8 | 39 | 56 | 20.2 | 20 | 19 | 75 | .55 | .104 | 41 | 67 | 1.07 | 198 | .09 | 30 | 2.07 | .07 | .15 | 14 | 47 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Guinet Management PROJECT PM FILE # 96-2493

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ACME ANALYTICAL

ACME ANALYTICAL

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Ih ppm | Sr ppm | Td ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| 9+100E 9+900E | 1 | 14 | 9 | 27 | .6 | 7 | 3 | 109 | 1.11 | 2 | <5 | <2 | 31 | <.2 | <2 | <2 | 46 | .26 | .021 | 8 | 29 | .19 | 86 | .07 | 3 | .65 | .01 | .04 | <2 | 11 | |
| 9+100E 9+875E | 2 | 81 | <3 | 95 | .4 | 56 | 22 | 508 | 5.09 | 15 | <5 | <2 | 2 | <7 | <.2 | 2 | <2 | 141 | .40 | .102 | 7 | 133 | 2.18 | 65 | .11 | <3 | 2.81 | .01 | .07 | <2 | 12 |
| 9+100E 9+850E | 1 | 86 | 5 | 73 | <.3 | 40 | 22 | 756 | 4.34 | 10 | <5 | <2 | 3 | 47 | <.2 | 2 | <2 | 122 | .60 | .112 | 12 | 89 | 1.76 | 76 | .12 | <3 | 2.13 | .01 | .13 | <2 | 25 |
| 9+100E 9+825E | 1 | 113 | 4 | 87 | <.3 | 53 | 25 | 1036 | 4.77 | 9 | <5 | <2 | 2 | 50 | <.2 | <2 | <2 | 130 | .67 | .109 | 13 | 113 | 2.02 | 106 | .12 | <3 | 2.45 | .01 | .16 | <2 | 19 |
| 9+100E 9+800E | 2 | 63 | 7 | 112 | .5 | 39 | 24 | 863 | 5.19 | 14 | <5 | <2 | 2 | 44 | .4 | <2 | <2 | 137 | .59 | .163 | 6 | 102 | 1.43 | 105 | .10 | 3 | 2.24 | .01 | .10 | <2 | 8 |
| 10+100E 10+450H | 2 | 42 | 9 | 91 | .5 | 23 | 14 | 635 | 3.51 | 4 | <5 | <2 | 2 | 43 | .4 | <2 | 6 | 97 | .50 | .106 | 7 | 66 | 1.09 | 111 | .08 | 3 | 1.65 | .01 | .08 | <2 | 9 |
| 10+100E 10+425H | 2 | 39 | 7 | 94 | <.3 | 27 | 13 | 444 | 3.99 | 8 | <5 | <2 | 2 | 33 | .2 | <2 | 5 | 104 | .36 | .123 | 8 | 74 | 1.12 | 99 | .09 | <3 | 1.81 | .01 | .07 | <2 | 11 |
| 10+100E 10+400H | 2 | 56 | 3 | 68 | .7 | 36 | 14 | 371 | 4.21 | 8 | <5 | <2 | 2 | 36 | <.2 | 2 | 4 | 107 | .43 | .090 | 8 | 86 | 1.27 | 76 | .10 | 3 | 1.93 | .01 | .06 | <2 | 4 |
| 10+100E 10+375H | 2 | 84 | 7 | 79 | .4 | 39 | 17 | 403 | 3.96 | 12 | <5 | <2 | 2 | 37 | <.2 | 2 | <2 | 101 | .48 | .093 | 9 | 78 | 1.22 | 74 | .11 | <3 | 2.26 | .01 | .07 | <2 | 5 |
| 10+100E 10+350H | 3 | 39 | 10 | 88 | .5 | 22 | 13 | 461 | 3.89 | 8 | <5 | <2 | 2 | 36 | <.2 | 3 | <2 | 116 | .38 | .081 | 10 | 66 | 1.04 | 117 | .10 | <3 | 1.73 | .01 | .09 | <2 | 16 |
| 10+100E 10+325H | 1 | 49 | 4 | 85 | <.3 | 29 | 14 | 448 | 3.49 | 2 | <5 | <2 | 2 | 43 | <.2 | <2 | <2 | 99 | .55 | .103 | 10 | 78 | 1.41 | 91 | .12 | <3 | 2.00 | .01 | .07 | <2 | 3 |
| 10+100E 10+300H | 2 | 56 | 5 | 90 | .3 | 32 | 15 | 399 | 3.93 | 4 | <5 | <2 | 2 | 36 | <.2 | 4 | <2 | 97 | .46 | .084 | 14 | 74 | 1.29 | 78 | .10 | 4 | 2.05 | .01 | .07 | <2 | 21 |
| 10+100E 10+275H | 2 | 32 | 3 | 97 | .3 | 25 | 13 | 354 | 3.83 | 5 | <5 | <2 | 3 | 33 | <.2 | <2 | <2 | 99 | .38 | .130 | 11 | 72 | 1.09 | 78 | .10 | <3 | 1.87 | .01 | .06 | <2 | 18 |
| 10+100E 10+250H | 2 | 32 | <3 | 93 | .4 | 22 | 12 | 471 | 4.13 | 5 | <5 | <2 | 2 | 32 | <.2 | <2 | <2 | 118 | .37 | .153 | 7 | 67 | .98 | 81 | .09 | <3 | 2.00 | .01 | .05 | <2 | 250 |
| 10+100E 10+150H | 2 | 60 | 6 | 78 | <.3 | 36 | 18 | 390 | 4.34 | 8 | <5 | <2 | 3 | 30 | <.2 | 3 | 7 | 115 | .34 | .152 | 7 | 83 | 1.29 | 82 | .10 | <3 | 2.67 | .01 | .06 | <2 | 3 |
| 10+100E 10+100H | 1 | 35 | <3 | 95 | .3 | 33 | 13 | 356 | 3.98 | 4 | <5 | <2 | 3 | 35 | <.2 | 2 | <2 | 103 | .48 | .148 | 9 | 67 | 1.12 | 103 | .10 | 4 | 2.32 | .01 | .06 | <2 | 12 |
| 10+100E 10+050H | 1 | 16 | 9 | 73 | <.3 | 14 | 7 | 273 | 2.93 | 3 | <5 | <2 | 2 | 26 | <.2 | <2 | 4 | 82 | .29 | .129 | 9 | 40 | .54 | 66 | .09 | <3 | 1.45 | .01 | .05 | <2 | 5 |
| 10+100E 10+000H | 4 | 54 | 10 | 133 | .8 | 36 | 20 | 760 | 6.52 | 26 | <5 | <2 | 2 | 33 | <.2 | 4 | <2 | 158 | .43 | .203 | 7 | 89 | 1.17 | 120 | .11 | <3 | 2.38 | .01 | .09 | <2 | 6 |
| 8400E 9725N | 7 | 336 | 7 | 99 | .9 | 89 | 30 | 764 | 4.49 | 9 | <5 | <2 | 2 | 68 | <.2 | <2 | 11 | 108 | .87 | .046 | 7 | 241 | 2.29 | 82 | .12 | 3 | 2.52 | .01 | .06 | <2 | 10 |
| 8400E 9700N | 8 | 193 | <3 | 109 | .5 | 77 | 32 | 1268 | 5.64 | 17 | <5 | <2 | 3 | 61 | <.2 | 3 | 2 | 146 | .86 | .090 | 12 | 194 | 2.64 | 113 | .11 | 3 | 2.66 | .01 | .14 | <2 | 11 |
| 8400E 9675N | 9 | 186 | 5 | 136 | 1.1 | 60 | 22 | 719 | 4.69 | 11 | <5 | <2 | 2 | 82 | .2 | <2 | 4 | 122 | 1.25 | .103 | 10 | 150 | 2.29 | 101 | .11 | <3 | 2.48 | .01 | .12 | <2 | 7 |
| RE 8400E 9675H | 8 | 185 | 7 | 134 | 1.1 | 58 | 22 | 712 | 4.61 | 7 | <5 | <2 | 2 | 81 | .4 | 2 | <2 | 122 | 1.23 | .102 | 9 | 149 | 2.25 | 100 | .11 | 3 | 2.44 | .01 | .13 | <2 | 6 |
| 85+00E 10+00H | 2 | 50 | 7 | 92 | .9 | 26 | 12 | 405 | 4.51 | 10 | <5 | <2 | 2 | 37 | <.2 | 2 | <2 | 129 | .28 | .044 | 8 | 89 | 1.20 | 116 | .08 | <3 | 2.34 | .01 | .06 | <2 | 30 |
| 85+00E 99+75H | 3 | 61 | 18 | 96 | .4 | 30 | 13 | 354 | 5.03 | 13 | <5 | <2 | 2 | 32 | <.2 | <2 | <2 | 128 | .26 | .045 | 13 | 98 | 1.29 | 90 | .08 | <3 | 2.81 | .01 | .04 | <2 | 5 |
| 85+00E 99+50H | 3 | 34 | 15 | 100 | .7 | 27 | 13 | 598 | 4.55 | 8 | <5 | <2 | 2 | 29 | <.2 | 2 | <2 | 133 | .29 | .078 | 10 | 95 | 1.18 | 96 | .06 | <3 | 1.88 | .01 | .08 | <2 | 1 |
| 85+00E 99+25H | 3 | 47 | 11 | 73 | 1.4 | 24 | 9 | 373 | 2.95 | 5 | <5 | <2 | 2 | 30 | <.2 | <2 | <2 | 91 | .25 | .031 | 13 | 89 | 1.04 | 127 | .07 | <3 | 1.76 | .01 | .05 | <2 | 2 |
| 85+00E 99+00N | 4 | 133 | 7 | 112 | 1.0 | 77 | 25 | 761 | 5.46 | 24 | <5 | <2 | 2 | 35 | <.2 | 2 | 7 | 127 | .42 | .078 | 13 | 194 | 1.96 | 95 | .08 | 3 | 2.84 | .01 | .07 | <2 | 670 |
| 85+00E 98+75H | 2 | 96 | <3 | 84 | .6 | 63 | 22 | 822 | 4.30 | 12 | <5 | <2 | 2 | 52 | <.2 | <2 | <2 | 115 | .64 | .067 | 11 | 133 | 1.70 | 106 | .12 | 4 | 2.46 | .01 | .08 | <2 | 10 |
| 85+00E 98+50H | 3 | 74 | 4 | 88 | .4 | 38 | 17 | 729 | 4.06 | 9 | <5 | <2 | 2 | 55 | .2 | 2 | <2 | 111 | .64 | .061 | 10 | 97 | 1.18 | 137 | .10 | 4 | 2.08 | .01 | .09 | <2 | 4 |
| 85+00E 98+25H | 4 | 151 | 12 | 94 | .5 | 58 | 24 | 962 | 4.48 | 7 | <5 | <2 | 2 | 58 | .3 | 3 | 4 | 114 | .75 | .075 | 13 | 123 | 1.59 | 94 | .09 | 3 | 2.38 | .01 | .09 | <2 | 5 |
| 85+00E 98+00N | 4 | 195 | 9 | 116 | .7 | 66 | 35 | 1241 | 5.77 | 12 | <5 | <2 | 2 | 69 | <.2 | 2 | 5 | 147 | .89 | .094 | 11 | 146 | 2.58 | 110 | .16 | 5 | 3.28 | .01 | .16 | <2 | 12 |
| 85+00E 97+75N | 6 | 146 | 6 | 152 | .8 | 60 | 30 | 1020 | 4.77 | 11 | <5 | <2 | 2 | 66 | <.2 | <2 | <2 | 135 | .77 | .056 | 9 | 174 | 2.19 | 96 | .10 | 4 | 2.54 | .01 | .05 | <2 | 8 |
| 85+00E 97+50N | 4 | 192 | <3 | 143 | .6 | 59 | 27 | 806 | 4.60 | 11 | <5 | <2 | 2 | 54 | .3 | <2 | 9 | 120 | .66 | .044 | 12 | 142 | 1.94 | 92 | .12 | 5 | 2.45 | .01 | .06 | <2 | 5 |
| 85+00E 97+25N | 5 | 113 | 3 | 105 | .4 | 45 | 23 | 809 | 4.41 | 9 | <5 | <2 | 2 | 64 | <.2 | 2 | 6 | 133 | .77 | .076 | 8 | 116 | 2.18 | 81 | .12 | 4 | 2.57 | .01 | .06 | <2 | 76 |
| 85+00E 97+00N | 6 | 107 | <3 | 133 | .3 | 50 | 26 | 922 | 4.93 | 15 | <5 | <2 | 2 | 54 | .3 | 2 | <2 | 135 | .67 | .066 | 9 | 131 | 1.93 | 96 | .09 | <3 | 2.38 | .01 | .07 | <2 | 12 |
| STANDARD C2/AU-S | 21 | 59 | 38 | 147 | 6.9 | 72 | 37 | 1195 | 4.02 | 44 | 23 | 7 | 37 | 55 | 20.3 | 20 | 20 | 72 | .54 | .105 | 42 | 68 | 1.06 | 206 | .09 | 30 | 2.03 | .06 | .15 | 15 | 47 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P ppm | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K ppm | H % | Alu ^a ppb |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|----------|-----------|-----------|---------|-----------|---------|----------|---------|---------|----------|--------|-------------------------|
| 85+00E 96+75N | 6 | 202 | 3 | 166 | .8 | 56 | 29 | 1157 | 5.44 | 13 | <5 | <2 | 61 | <.2 | <2 | 2 | 126 | .75 | .058 | 13 | 127 | 2.17 | 134 | .09 | <3 | 3.07 | .01 | .12 | <2 | 10 | |
| 85+00E 96+50N | 6 | 193 | 5 | 99 | .4 | 53 | 29 | 742 | 5.55 | 10 | <5 | <2 | 78 | <.2 | <2 | 13 | 149 | .98 | .059 | 10 | 112 | 2.26 | 118 | .16 | <3 | 2.99 | .01 | .15 | <2 | 7 | |
| 85+00E 96+25N | 10 | 268 | <3 | 90 | .7 | 48 | 19 | 533 | 4.70 | 5 | <5 | <2 | 99 | .3 | <2 | 2 | 131 | 1.43 | .108 | 14 | 97 | 1.86 | 137 | .08 | <3 | 2.41 | .01 | .08 | <2 | 9 | |
| 85+00E 96+00N | 11 | 99 | 7 | 103 | .6 | 42 | 20 | 695 | 4.46 | 3 | <5 | <2 | 77 | <.2 | <2 | 3 | 118 | 1.15 | .094 | 11 | 103 | 1.81 | 102 | .11 | <3 | 2.31 | .01 | .09 | <2 | 5 | |
| 85+00E 95+75N | 8 | 124 | 16 | 70 | 1.1 | 29 | 17 | 513 | 3.95 | 5 | <5 | <2 | 88 | .2 | 2 | 5 | 108 | 1.11 | .064 | 10 | 72 | 1.45 | 111 | .07 | <3 | 2.27 | .01 | .08 | <2 | 12 | |
| 85+00E 95+50N | 7 | 121 | 6 | 80 | <.3 | 51 | 26 | 956 | 5.01 | 12 | <5 | <2 | 2 | 65 | <.2 | <2 | 9 | 149 | .92 | .107 | 10 | 117 | 2.04 | 107 | .11 | <3 | 2.38 | .01 | .10 | <2 | 16 |
| 85+00E 95+25N | 2 | 46 | 9 | 84 | .4 | 26 | 13 | 395 | 3.77 | 6 | <5 | <2 | 50 | <.2 | <2 | 121 | .49 | .043 | 7 | 87 | 1.16 | 119 | .09 | <3 | 1.86 | .01 | .07 | <2 | 2 | | |
| 85+00E 95+00N | 2 | 53 | <3 | 72 | .5 | 31 | 13 | 365 | 3.57 | 5 | <5 | <2 | 2 | 54 | <.2 | <2 | 3 | 107 | .69 | .069 | 11 | 80 | 1.14 | 101 | .10 | <3 | 2.13 | .01 | .06 | <2 | 11 |
| 87+00E 12+00N | 1 | 109 | 8 | 94 | .4 | 31 | 26 | 706 | 6.66 | 18 | 8 | <2 | 2 | 36 | <.2 | <2 | 11 | 154 | .48 | .153 | 6 | 85 | 2.41 | 78 | .04 | <3 | 3.31 | .01 | .07 | <2 | 10 |
| 87+00E 11+75N | 2 | 55 | 69 | 158 | 1.0 | 26 | 19 | 742 | 5.50 | 21 | <5 | <2 | <2 | 41 | <.2 | <2 | 146 | .50 | .206 | 7 | 81 | 1.23 | 148 | .06 | <3 | 2.27 | .01 | .08 | <2 | 3 | |
| 87+00E 11+50N | 2 | 79 | 24 | 149 | 1.3 | 36 | 23 | 637 | 6.84 | 32 | <5 | <2 | <2 | 44 | <.2 | <2 | 3 | 170 | .50 | .223 | 7 | 98 | 1.63 | 122 | .08 | <3 | 2.83 | .01 | .07 | <2 | 12 |
| 87+00E 11+25N | 3 | 174 | 19 | 118 | .5 | 73 | 48 | 1701 | 7.67 | 36 | <5 | <2 | 2 | 37 | <.2 | <2 | 3 | 175 | .45 | .127 | 10 | 192 | 2.85 | 92 | .08 | <3 | 3.48 | .01 | .09 | <2 | 13 |
| 87+00E 11+00N | 3 | 125 | 10 | 92 | 1.7 | 45 | 24 | 1143 | 5.67 | 15 | <5 | <2 | 3 | 28 | .2 | <2 | 135 | .33 | .108 | 14 | 123 | 1.17 | 72 | .09 | <3 | 2.33 | .01 | .06 | <2 | 9 | |
| 87+00E 10+75N | 5 | 182 | 8 | 119 | 2.0 | 63 | 43 | 1729 | 5.69 | 24 | <5 | <2 | 2 | 37 | .3 | 2 | 4 | 122 | .54 | .153 | 17 | 150 | 1.77 | 61 | .06 | <3 | 2.93 | .01 | .05 | <2 | 22 |
| 87+00E 10+50N | 3 | 108 | 9 | 85 | .5 | 54 | 25 | 971 | 4.98 | 15 | <5 | <2 | 2 | 52 | <.2 | <2 | 7 | 130 | .68 | .074 | 13 | 111 | 1.41 | 102 | .12 | <3 | 2.32 | .01 | .07 | <2 | 19 |
| 87+00E 10+25N | 3 | 90 | 5 | 99 | .6 | 48 | 23 | 883 | 4.72 | 6 | <5 | <2 | <2 | 52 | <.2 | 2 | <2 | 127 | .60 | .053 | 13 | 109 | 1.51 | 108 | .12 | <3 | 2.39 | .01 | .07 | <2 | 5 |
| 87+00E 10+00N | 4 | 300 | 5 | 149 | 2.0 | 57 | 23 | 1890 | 4.47 | 6 | <5 | <2 | <2 | 56 | .6 | <2 | 2 | 96 | .71 | .112 | 19 | 110 | 1.23 | 136 | .06 | <3 | 2.50 | .01 | .07 | <2 | 6 |
| RE 87+00E 10+00N | 4 | 300 | 9 | 148 | 2.3 | 54 | 23 | 1870 | 4.41 | 7 | <5 | <2 | <2 | 56 | .9 | 3 | 2 | 96 | .71 | .116 | 20 | 111 | 1.20 | 135 | .06 | <3 | 2.48 | .01 | .07 | <2 | 52 |
| 87+00E 99+75N | 4 | 35 | 6 | 72 | .5 | 27 | 12 | 320 | 3.85 | 6 | <5 | <2 | <2 | 35 | <.2 | 2 | 14 | 140 | .27 | .055 | 8 | 88 | .97 | 88 | .11 | <3 | 1.56 | .01 | .07 | <2 | 3 |
| 87+00E 99+50N | 6 | 143 | 9 | 96 | .7 | 70 | 27 | 936 | 5.63 | 19 | <5 | <2 | <2 | 38 | <.2 | <2 | 158 | .45 | .093 | 10 | 197 | 1.99 | 63 | .09 | <3 | 2.54 | .01 | .07 | <2 | 8 | |
| 87+00E 99+25N | 7 | 205 | 3 | 155 | 1.0 | 75 | 24 | 708 | 4.87 | 2 | <5 | <2 | <2 | 54 | <.2 | <2 | 137 | .69 | .074 | 12 | 197 | 2.32 | 101 | .09 | <3 | 2.90 | .01 | .06 | <2 | 14 | |
| 87+00E 99+00N | 7 | 165 | 13 | 130 | 1.0 | 52 | 23 | 1233 | 5.09 | 15 | <5 | <2 | <2 | 45 | .5 | <2 | 7 | 135 | .54 | .091 | 9 | 162 | 1.52 | 114 | .07 | <3 | 2.12 | .01 | .07 | <2 | 22 |
| 87+00E 98+75N | 7 | 92 | 6 | 88 | .3 | 52 | 26 | 838 | 5.05 | 14 | <5 | <2 | <2 | 53 | <.2 | <2 | 135 | .69 | .072 | 9 | 142 | 1.96 | 80 | .09 | <3 | 2.31 | .01 | .06 | <2 | 6 | |
| 87+00E 98+50N | 6 | 130 | 7 | 85 | .7 | 39 | 20 | 862 | 4.18 | 11 | 6 | <2 | <2 | 52 | <.2 | 3 | 4 | 104 | .68 | .074 | 8 | 109 | 1.60 | 70 | .07 | <3 | 2.07 | .01 | .05 | <2 | 37 |
| 87+00E 98+25N | 6 | 111 | 5 | 99 | .8 | 41 | 24 | 825 | 4.39 | 4 | <5 | <2 | <2 | 67 | <.2 | 2 | <2 | 134 | .90 | .093 | 9 | 101 | 1.82 | 105 | .13 | <3 | 2.26 | .01 | .07 | <2 | 5 |
| 87+00E 98+00N | 5 | 117 | 10 | 127 | .5 | 41 | 29 | 917 | 5.18 | 7 | <5 | <2 | <2 | 66 | <.2 | <2 | 3 | 159 | 1.02 | .104 | 10 | 105 | 2.18 | 101 | .18 | <3 | 2.58 | .01 | .14 | <2 | 8 |
| 87+00E 97+75N | 7 | 139 | 6 | 88 | .3 | 40 | 29 | 890 | 4.99 | 5 | <5 | <2 | 2 | 70 | <.2 | 2 | <2 | 137 | .97 | .075 | 8 | 118 | 2.01 | 134 | .13 | <3 | 2.46 | .01 | .12 | <2 | 3 |
| 87+00E 97+50N | 6 | 177 | 6 | 100 | .7 | 42 | 30 | 1178 | 4.80 | 2 | <5 | <2 | <2 | 72 | .3 | <2 | 3 | 130 | .98 | .076 | 12 | 81 | 1.83 | 127 | .14 | <3 | 2.66 | .01 | .09 | <2 | 14 |
| 87+00E 97+25N | 6 | 92 | 3 | 100 | .4 | 45 | 27 | 1055 | 4.80 | 6 | <5 | <2 | <2 | 58 | <.2 | <2 | 3 | 126 | .92 | .153 | 12 | 102 | 2.00 | 119 | .11 | <3 | 2.49 | .01 | .08 | <2 | 9 |
| 87+00E 97+00N | 2 | 112 | 3 | 79 | <.3 | 42 | 26 | 610 | 4.59 | 4 | <5 | <2 | 2 | 57 | <.2 | <2 | 4 | 129 | .74 | .073 | 9 | 91 | 1.95 | 95 | .10 | <3 | 2.63 | .01 | .06 | <2 | 6 |
| 87+00E 96+75N | 2 | 57 | <3 | 73 | .8 | 26 | 12 | 327 | 3.03 | <2 | <5 | <2 | <2 | 43 | .2 | 2 | <2 | 100 | .42 | .031 | 10 | 81 | 1.23 | 94 | .10 | <3 | 2.23 | .01 | .06 | <2 | 4 |
| 87+00E 96+50N | 1 | 153 | <3 | 88 | <.3 | 35 | 26 | 804 | 5.08 | <2 | <5 | <2 | 2 | 70 | <.2 | <2 | 7 | 176 | 1.01 | .117 | 6 | 80 | 2.67 | 86 | .25 | <3 | 3.01 | .01 | .10 | <2 | 6 |
| 89+00E 11+00N | 2 | 49 | 6 | 59 | .9 | 38 | 13 | 379 | 4.61 | 8 | <5 | <2 | 2 | 33 | <.2 | 2 | <2 | 124 | .40 | .076 | 5 | 109 | 1.17 | 65 | .13 | <3 | 1.95 | .01 | .06 | <2 | 129 |
| 89+00E 10+75N | 1 | 23 | 6 | 101 | 1.2 | 21 | 9 | 306 | 3.19 | 4 | <5 | <2 | <2 | 30 | .3 | <2 | <2 | 94 | .33 | .070 | 7 | 69 | .77 | 61 | .10 | <3 | 1.53 | .01 | .07 | <2 | 1 |
| 89+00E 10+50N | 4 | 82 | 8 | 84 | .3 | 48 | 23 | 720 | 5.36 | 17 | <5 | <2 | <2 | 36 | <.2 | <2 | 2 | 138 | .51 | .157 | 7 | 128 | 1.77 | 53 | .09 | <3 | 2.43 | .01 | .09 | <2 | 8 |
| STANDARD C2/AU-S | 21 | 58 | 38 | 144 | 6.5 | 72 | 38 | 1175 | 3.89 | 44 | 22 | 8 | 38 | 54 | 21.4 | 19 | 18 | 71 | .53 | .098 | 40 | 62 | 1.02 | 209 | .09 | 30 | 1.99 | .06 | .15 | 14 | 53 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb | |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|---|
| 89+00E 10+25H | 5 | 110 | 8 | 92 | .3 | 52 | 27 | 690 | 6.24 | 20 | <5 | <2 | <2 | 40 | .3 | <2 | <2 | 153 | .46 | .104 | 7 | 148 | 2.08 | .61 | .10 | <3 | 2.70 | .01 | .08 | <2 | 30 | |
| 89+00E 10+00N | 4 | 120 | 12 | 128 | .5 | 63 | 33 | 1070 | 7.08 | 11 | <5 | <2 | <2 | 44 | .5 | <2 | <2 | 226 | .43 | .084 | 6 | 194 | 2.86 | 125 | .10 | <3 | 3.11 | .01 | .15 | <2 | 8 | |
| 89+00E 9+975H | 3 | 46 | 7 | 75 | .8 | 23 | 13 | 548 | 4.07 | 6 | <5 | <2 | <2 | 35 | .2 | <2 | <2 | 136 | .36 | .099 | 6 | 84 | 1.13 | 111 | .08 | <3 | 1.61 | .01 | .09 | <2 | 4 | |
| 89+00E 9+950H | 3 | 55 | 4 | 68 | 1.7 | 25 | 15 | 360 | 4.67 | 12 | <5 | <2 | <2 | 31 | .4 | <2 | <2 | 146 | .27 | .058 | 5 | 88 | 1.13 | 81 | .09 | <3 | 1.76 | .01 | .07 | <2 | 3 | |
| 89+00E 9+925H | 1 | 77 | 3 | 88 | .7 | 39 | 21 | 512 | 4.33 | <2 | <5 | <2 | <2 | 53 | .2 | <2 | <2 | 141 | .69 | .144 | 8 | 98 | 2.07 | 99 | .15 | <3 | 2.64 | .01 | .05 | <2 | 3 | |
| 89+00E 9+900N | 6 | 154 | <3 | 98 | 1.6 | 57 | 25 | 818 | 4.88 | 12 | <5 | <2 | <2 | 60 | .2 | <2 | <2 | 128 | .76 | .108 | 12 | 117 | 1.74 | 161 | .05 | <3 | 2.87 | .01 | .07 | <2 | 9 | |
| 89+00E 9+875H | 3 | 74 | 3 | 66 | .6 | 31 | 13 | 282 | 4.05 | 6 | <5 | <2 | <2 | 39 | .2 | <2 | <2 | 122 | .39 | .061 | 8 | 93 | 1.21 | 108 | .09 | <3 | 2.21 | .01 | .05 | <2 | 2 | |
| 89+00E 9+850H | 1 | 59 | <3 | 73 | 1.0 | 37 | 14 | 385 | 3.62 | 4 | <5 | <2 | <2 | 39 | <.2 | <2 | <2 | 4 | .117 | .49 | .118 | 7 | 92 | 1.66 | 66 | .10 | <3 | 2.29 | .01 | .05 | <2 | 4 |
| 89+00E 9+825H | 2 | 38 | <3 | 63 | .6 | 26 | 10 | 255 | 3.38 | <2 | <5 | <2 | <2 | 3 | .3 | <2 | <2 | 113 | .33 | .044 | 9 | 81 | 1.10 | 70 | .11 | <3 | 2.10 | .01 | .05 | <2 | 11 | |
| RE 89+00E 9+825H | 2 | 39 | .5 | 65 | .7 | 26 | 10 | 262 | 3.49 | 5 | <5 | <2 | <2 | 34 | .2 | <2 | <2 | 117 | .34 | .045 | 10 | 81 | 1.14 | 72 | .12 | <3 | 2.17 | .01 | .05 | <2 | 4 | |
| 89+00E 9+800H | 1 | 55 | 11 | 47 | 1.0 | 17 | 7 | 170 | 2.20 | <2 | <5 | <2 | <2 | 3 | .1 | <2 | <2 | 3 | .77 | .35 | .016 | 14 | 59 | .74 | 106 | .09 | <3 | 2.08 | .01 | .04 | <2 | 8 |
| 89+00E 9+775H | 2 | 61 | 3 | 116 | .5 | 32 | 14 | 383 | 3.89 | 3 | <5 | <2 | <2 | 46 | .2 | <2 | <2 | 119 | .60 | .071 | 7 | 81 | 1.40 | 106 | .11 | <3 | 2.54 | .01 | .07 | <2 | 3 | |
| 89+00E 9+750H | 1 | 21 | 7 | 58 | .6 | 17 | 6 | 200 | 2.12 | <2 | <5 | <2 | <2 | 33 | .3 | <2 | <2 | 80 | .32 | .024 | 11 | 42 | .71 | 92 | .11 | <3 | 1.50 | .01 | .06 | <2 | 2 | |
| 89+00E 9+725H | 2 | 59 | <3 | 112 | 1.1 | 31 | 20 | 959 | 4.34 | 5 | <5 | <2 | <2 | 39 | .3 | <2 | <2 | 128 | .41 | .076 | 7 | 101 | 1.25 | 123 | .10 | <3 | 2.18 | .01 | .09 | <2 | 24 | |
| 89+00E 9+700H | 2 | 61 | 6 | 63 | <.3 | 31 | 13 | 339 | 4.05 | 9 | <5 | <2 | <2 | 38 | .3 | <2 | <2 | 122 | .47 | .075 | 7 | 81 | 1.32 | 68 | .11 | <3 | 1.91 | .01 | .05 | <2 | 28 | |
| 89+00E 9+675H | 2 | 116 | <3 | 76 | .9 | 41 | 20 | 496 | 3.66 | 3 | <5 | <2 | <2 | 58 | .3 | <2 | <2 | 109 | .85 | .077 | 13 | 93 | 1.52 | 116 | .10 | <3 | 2.23 | .01 | .05 | <2 | 6 | |
| 89+00E 9+650N | 2 | 99 | 5 | 109 | <.3 | 50 | 23 | 685 | 4.14 | 9 | <5 | <2 | <2 | 53 | .2 | <2 | <2 | 122 | .69 | .061 | 11 | 124 | 1.83 | 106 | .13 | <3 | 2.36 | .01 | .05 | <2 | 17 | |
| 92+00E 11+75N | 3 | 67 | 13 | 80 | .6 | 44 | 22 | 466 | 4.87 | 7 | <5 | <2 | <2 | 43 | .3 | <2 | <2 | 145 | .52 | .078 | 7 | 85 | 1.37 | 129 | .14 | <3 | 2.40 | .01 | .11 | <2 | 28 | |
| 92+00E 11+50N | 3 | 90 | 8 | 67 | .4 | 33 | 14 | 401 | 3.55 | 4 | <5 | <2 | <2 | 52 | .4 | <2 | <2 | 117 | .60 | .045 | 9 | 81 | 1.36 | 128 | .09 | <3 | 2.32 | .01 | .10 | <2 | 8 | |
| 92+00E 11+25N | 6 | 183 | 3 | 96 | 1.6 | 60 | 34 | 705 | 6.33 | 8 | <5 | <2 | <2 | 86 | .3 | <2 | <2 | 178 | 1.17 | .132 | 12 | 144 | 3.28 | 171 | .13 | <3 | 3.48 | .01 | .11 | <2 | 7 | |
| 92+00E 11+00N | 3 | 79 | 13 | 91 | .9 | 41 | 21 | 589 | 4.31 | 4 | <5 | <2 | <2 | 3 | .60 | <.2 | <2 | <2 | 126 | .76 | .031 | 24 | 95 | 1.80 | 127 | .08 | <3 | 2.89 | .01 | .09 | <2 | 6 |
| 92+00E 10+50N | 1 | 68 | 9 | 83 | <.3 | 41 | 23 | 530 | 4.21 | <2 | <5 | <2 | <2 | 4 | .50 | <.2 | <2 | 145 | .62 | .050 | 9 | 116 | 2.18 | 146 | .11 | <3 | 2.69 | .01 | .04 | <2 | 3 | |
| 92+00E 10+25N | 2 | 92 | 6 | 118 | <.3 | 56 | 33 | 742 | 6.97 | 5 | <5 | <2 | <2 | 3 | .60 | <.2 | <2 | 8 | 200 | .91 | .138 | 11 | 149 | 3.41 | 123 | .09 | <3 | 3.40 | .01 | .06 | <2 | 3 |
| STANDARD C2/AU-S | 21 | 59 | 35 | 146 | 6.5 | 81 | 38 | 1183 | 4.01 | 42 | 18 | 8 | 36 | 55 | 21.4 | 18 | 17 | 74 | .54 | .099 | 40 | 69 | 1.04 | 211 | .09 | 29 | 2.03 | .06 | .15 | 14 | .46 | |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

